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Zeichen/Ref./Ref. P23952	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 00976960.5-2404-US0030480
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire NANOGEN, INC.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



Exhibit A



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 98 28320 A (NANOTRONICS INC ;UNIV CALIFORNIA (US)) 2 July 1998 (1998-07-02) * the whole document * ---	1-9,11, 13-19, 22,23	C12M1/34 B01J19/00 C12Q1/68 G01N27/447
A	WO 99 29711 A (NANOGEN INC) 17 June 1999 (1999-06-17) * page 13, line 15 - page 15, line 9 * ---	1-23	
A	GB 2 258 236 A (HITACHI EUROP LTD) 3 February 1993 (1993-02-03) * page 6, line 20 - page 7, line 21 * -----	1-23	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C12M B01J C12Q G01N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search MUNICH		Date of completion of the search 27 March 2003	Examiner Diez Schlereth, D
CATEGORY OF CITED DOCUMENTS			
X particularly relevant if taken alone Y particularly relevant if combined with another document of the same category A technological background O non-written disclosure P intermediate document		T theory or principle underlying the invention E earlier patent document, but published on, or after the filing date D document cited in the application L document cited for other reasons & member of the same patent family, corresponding document	

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 00 97 6960

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-03-2003

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WO 9929711	A	17-06-1999	US 6051380 A	18-04-2000
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			US 2002085954 A1	04-07-2002
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			US 2002155586 A1	24-10-2002
			US 2001014449 A1	16-08-2001
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			US 6518022 B1	11-02-2003
			US 6403367 B1	11-06-2002
GB 2258236	A	03-02-1993	NONE	

EPO FORM 2045f

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/25475

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : C07H 21/00

US CL : 536/25.3

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 422/129,149; 435/6; 536/25.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,234,566 A (OSMAN et al.) 10 August 1993, see the entire disclosure.	1-12
Y	US 4,787,963 A (MACCONNELL) 29 November 1988, see the abstract and claims therein.	1-12
A	US 5,227,265 A (DEBOER et al.) 13 July 1993, see the entire disclosure.	1-12
Y	US 5,681,751 A (BEGG et al.) 28 October 1997, see the entire disclosure.	1-12
Y	US 5,605,662 A (HELLER et al.) 25 February 1997, see entire disclosure.	1-12

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
A document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	
O document referring to an oral disclosure, use, exhibition or other means	
P document published prior to the international filing date but later than the priority date claimed	*A* document member of the same patent family

Date of the actual completion of the international search

14 MARCH 1999

Date of mailing of the international search report

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